#### DRAFT

### Standard Environmental Reference

Please submit comments on the scope of this table of contents to the *Caltrans Environmental Program* or the *Caltrans Local Assistance Program* by February 25, 2000. Thank you!

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Alternatives

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Laws and Regulations, and Guidance

Interagency Coordination

Reporting:

Determining The Need For A Separate Technical Report

Technical Report

**Preparer Qualifications** 

Recommended Methodology(ies) for study

Content and Recommended Format of Technical Report

Technical Report Processing and Approval

Information for Environmental Documentation

Review Checklist for the Technical Report

Link to sample technical report

Cumulative Impacts

Construction Impacts

Timing The Studies With The Environmental Process

Information Needed for Project Development Phases

Planning Stage

**Preliminary Scoping** 

Draft Environmental Document Stage (Draft Project Report)

Final Environmental Document Stage (Project Report)

Permit Requirements (as appropriate)

(note: will state that these topics are discussed in Affected Environment of EA or EIS; otherwise, these are geotechnical characteristics that affect project design but are rarely subject to project impacts.)

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(This is a CEQA requirement. Federal requirements re: paleontology only pertain to actions on federal land. FHWA projects on federal land are handled by FHWA Federal Lands Division, not by the CA Division)

Resources Included in this Topic

**Decision Tree** 

Laws and Regulations, and Guidance

Interagency Coordination

Reporting:

Determining The Need For A Separate Technical Report

Technical Report

**Preparer Qualifications** 

Recommended Methodology(ies) for study

Content and Recommended Format of Technical Report

Technical Report Processing and Approval

Information for CEQA Documentation

Review Checklist for the Technical Report

Link to sample technical report

Cumulative Impacts (if appropriate for topic)

Construction Impacts (if appropriate for topic)

Timing The Studies With The Environmental Process

Information Needed for Project Development Phases

Planning Stage

**Preliminary Scoping** 

Draft Environmental Document Stage (Draft Project Report)

Final Environmental Document Stage (Project Report)

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Resources Included in this Topic

**Decision Tree** 

Laws and Regulations, and Guidance

Interagency Coordination

Reporting:

Determining The Need For A Separate Technical Report

**Technical Report** 

**Preparer Qualifications** 

Recommended Methodology(ies) for study

Content and Recommended Format of Technical Report

Technical Report Processing and Approval

Information for Environmental Documentation

Review Checklist for the Technical Report

Link to sample technical report

Cumulative Impacts (if appropriate for topic)

Construction Impacts (if appropriate for topic)

Timing The Studies With The Environmental Process

Information Needed for Project Development Phases

Planning Stage

**Preliminary Scoping** 

Draft Environmental Document Stage (Draft Project Report)

Final Environmental Document Stage (Project Report)

Permit Requirements

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Resources Included in this Topic

**Decision Tree** 

Laws and Regulations, and Guidance

Interagency Coordination

Reporting:

Determining The Need For A Separate Technical Report

**Technical Report** 

**Preparer Qualifications** 

Recommended Methodology(ies) for study

Content and Recommended Format of Technical Report

Technical Report Processing and Approval

Information for Environmental Documentation

Review Checklist for the Technical Report

Link to sample technical report

Timing The Studies With The Environmental Process

Information Needed for Project Development Phases

Planning Stage

**Preliminary Scoping** 

Draft Environmental Document Stage (Draft Project Report)

Final Environmental Document Stage (Project Report)

Permit Requirements (as appropriate)

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Resources Included in this Topic

**Decision Tree** 

Laws and Regulations, and Guidance

Interagency Coordination

Reporting:

Determining The Need For A Separate Technical Report

Technical Report ("Project-Level CO Analysis", "Project-Level PM<sub>10</sub> Analysis")

**Preparer Qualifications** 

Recommended Methodology(ies) for study

Content and Recommended Format of Technical Report

Technical Report Processing and Approval

Information for Environmental Documentation

Review Checklist for the Technical Report

Link to sample technical report

Cumulative Impacts (if appropriate for topic)

Construction Impacts (if appropriate for topic)

Timing The Studies With The Environmental Process

Information Needed for Project Development Phases

Planning Stage

**Preliminary Scoping** 

Draft Environmental Document Stage (Draft Project Report)

Final Environmental Document Stage (Project Report)

Permit Requirements (as appropriate)

### **Chapter 12 Noise**

Resources Included in this Topic

Decision Tree

Laws and Regulations, and Guidance Interagency Coordination Reporting:

Determining The Need For A Separate Technical Report

Technical Report ("Traffic Noise Analysis")

**Preparer Qualifications** 

Recommended Methodology(ies) for study

Content and Recommended Format of Technical Report

Technical Report Processing and Approval

Information for Environmental Documentation

Review Checklist for the Technical Report

Link to sample technical report

Cumulative Impacts (if appropriate for topic)

Construction Impacts (if appropriate for topic)

Timing The Studies With The Environmental Process

Information Needed for Project Development Phases

Planning Stage

**Preliminary Scoping** 

Draft Environmental Document Stage (Draft Project Report)

Final Environmental Document Stage (Project Report)

#### Chapter 13 Energy

Resources Included in this Topic

Decision Tree

Laws and Regulations, and Guidance)

Interagency Coordination

Reporting:

Determining The Need For A Separate Technical Report

Technical Report ("Energy Report")

**Preparer Qualifications** 

Recommended Methodology(ies) for study

Content and Recommended Format of Technical Report

Technical Report Processing and Approval

Information for Environmental Documentation

Review Checklist for the Technical Report

Link to sample technical report

Cumulative Impacts (if appropriate for topic)

Construction Impacts (if appropriate for topic)

Timing The Studies With The Environmental Process

Information Needed for Project Development Phases

Planning Stage

**Preliminary Scoping** 

Draft Environmental Document Stage (Draft Project Report)

Final Environmental Document Stage (Project Report)

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Resources Included in this Topic

**Decision Tree** 

Laws and Regulations, and Guidance Interagency Coordination Reporting:

Determining The Need For A Separate Technical Report (Not Applicable)

Technical Report (Not Applicable)

Preparer Qualifications (Not Applicable)

Recommended Methodology(ies) for study (Not Applicable)

Content and Recommended Format of Technical Report (Not Applicable)

Technical Report Processing and Approval (Not Applicable)

Information for Environmental Documentation

Review Checklist for the Technical Report (Not Applicable)

Link to sample technical report (Not Applicable)

Cumulative Impacts (if appropriate for topic)

Construction Impacts (if appropriate for topic)

Timing The Studies With The Environmental Process

Information Needed for Project Development Phases

Planning Stage

**Preliminary Scoping** 

Draft Environmental Document Stage (Draft Project Report)

Final Environmental Document Stage (Project Report)

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Resources Included in this Topic

**Decision Tree** 

Laws and Regulations, and Guidance

Interagency Coordination

Reporting:

Determining The Need For A Separate Technical Report

Technical Report ("Biological Assessment", and/or general natural

environment report)

Preparer Qualifications

Recommended Methodology(ies) for study

Content and Recommended Format of Technical Report

Technical Report Processing and Approval

Information for Environmental Documentation

Review Checklist for the Technical Report

Link to sample technical report

Cumulative Impacts (if appropriate for topic)

Construction Impacts (if appropriate for topic)

Timing The Studies With The Environmental Process

Information Needed for Project Development Phases

Planning Stage

**Preliminary Scoping** 

Draft Environmental Document Stage (Draft Project Report)

Final Environmental Document Stage (Project Report)

Permit Requirements (as appropriate)

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Resources Included in this Topic

**Decision Tree** 

Laws and Regulations, and Guidance

Interagency Coordination

Reporting:

Determining The Need For A Separate Technical Report

Technical Report ("Wetlands Delineation", and/or general natural

environment report )

**Preparer Qualifications** 

Recommended Methodology(ies) for study

Content and Recommended Format of Technical Report

Technical Report Processing and Approval

Information for Environmental Documentation

Review Checklist for the Technical Report

Link to sample technical report

Cumulative Impacts (if appropriate for topic)

Construction Impacts (if appropriate for topic)

Timing The Studies With The Environmental Process Information Needed for Project Development Phases

Planning Stage Preliminary Scoping

Draft Environmental Document Stage (Draft Project Report)

Final Environmental Document Stage (Project Report)

Permit Requirements (Section 401/404)

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Resources Included in this Topic

**Decision Tree** 

Laws and Regulations, and Guidance

Interagency Coordination

Reporting:

Determining The Need For A Separate Technical Report (if there is one)

Technical Report ("Biological Assessment", and/or general natural environment report)

**Preparer Qualifications** 

Recommended Methodology(ies) for study

Content and Recommended Format of Technical Report

Technical Report Processing and Approval

Information for Environmental Documentation

Review Checklist for the Technical Report

Link to sample technical report

Cumulative Impacts (if appropriate for topic)

Construction Impacts (if appropriate for topic)

Timing The Studies With The Environmental Process

Information Needed for Project Development Phases

Planning Stage

**Preliminary Scoping** 

Draft Environmental Document Stage (Draft Project Report)

Final Environmental Document Stage (Project Report)

Permit Requirements (as appropriate)

#### SPECIAL STATUS LAND USE DESIGNATIONS

### **Chapter 18 Floodplains**

Resources Included in this Topic

**Decision Tree** 

Laws and Regulations, and Guidance

Interagency Coordination

Reporting:

Determining The Need For A Separate Technical Report

Technical Report (floodplain assessment)

**Preparer Qualifications** 

Recommended Methodology(ies) for study

Content and Recommended Format of Technical Report

Technical Report Processing and Approval

Information for Environmental Documentation

Review Checklist for the Technical Report

Link to sample technical report

Cumulative Impacts (if appropriate for topic)

Construction Impacts (if appropriate for topic)

Timing The Studies With The Environmental Process

Information Needed for Project Development Phases

Planning Stage

**Preliminary Scoping** 

Draft Environmental Document Stage (Draft Project Report)

Final Environmental Document Stage (Project Report)

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Resources Included in this Topic

**Decision Tree** 

Laws and Regulations, and Guidance)

Interagency Coordination

Reporting:

Determining The Need For A Separate Technical Report (Not applicable)

Technical Report (name of report, if any) )(Not applicable)

Preparer Qualifications)(Not applicable)

Recommended Methodology(ies) for study)(Not applicable)

Content and Recommended Format of Technical Report

Technical Report Processing and Approval)(Not applicable)

Information for Environmental Documentation

Review Checklist for the Technical Report (Not applicable)

Link to sample technical report)(Not applicable)

Cumulative Impacts (if appropriate for topic) )(Not applicable)

Construction Impacts (if appropriate for topic)

Timing The Studies With The Environmental Process

Information Needed for Project Development Phases

Planning Stage

**Preliminary Scoping** 

Draft Environmental Document Stage (Draft Project Report)

Final Environmental Document Stage (Project Report)

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Resources Included in this Topic List of Wild and Scenic River Systems

Decision Tree

Laws and Regulations, and Guidance Interagency Coordination Reporting:

Determining The Need For A Separate Technical Report

Technical Report

Preparer Qualifications

Recommended Methodology(ies) for study

Content and Recommended Format of Technical Report

Technical Report Processing and Approval

Information for Environmental Documentation

Review Checklist for the Technical Report

Link to sample technical report

Cumulative Impacts (if appropriate for topic)

Construction Impacts (if appropriate for topic)

Timing The Studies With The Environmental Process

Information Needed for Project Development Phases

Planning Stage

**Preliminary Scoping** 

Draft Environmental Document Stage (Draft Project Report)

Final Environmental Document Stage (Project Report)

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Resources Included in this Topic

Decision Tree

Laws and Regulations, and Guidance

Interagency Coordination

Reporting:

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**Technical Report** 

**Preparer Qualifications** 

Recommended Methodology(ies) for study

Content and Recommended Format of Technical Report

Technical Report Processing and Approval

Information for Environmental Documentation

Review Checklist for the Technical Report

Link to sample technical report

Cumulative Impacts (if appropriate for topic)

Construction Impacts (if appropriate for topic)

Timing The Studies With The Environmental Process

Information Needed for Project Development Phases

Planning Stage

**Preliminary Scoping** 

Draft Environmental Document Stage (Draft Project Report)

Final Environmental Document Stage (Project Report)

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Resources Included in this Topic

**Decision Tree** 

Laws and Regulations, and Guidance

Interagency Coordination

Reporting:

Determining The Need For A Separate Technical Report

**Technical Report** 

**Preparer Qualifications** 

Recommended Methodology(ies) for study)

Content and Recommended Format of Technical Report

Technical Report Processing and Approval

Information for Environmental Documentation

Review Checklist for the Technical Report)

Link to sample technical report

Cumulative Impacts (if appropriate for topic)

Construction Impacts (if appropriate for topic)

Timing The Studies With The Environmental Process

Information Needed for Project Development Phases

Planning Stage

Preliminary Scoping

Draft Environmental Document Stage (Draft Project Report)

Final Environmental Document Stage (Project Report)

#### **COMMUNITY IMPACTS**

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Resources Included in this Topic

**Decision Tree** 

Laws and Regulations, and Guidance

Interagency Coordination

Reporting:

Determining The Need For A Separate Technical Report

**Technical Report** 

**Preparer Qualifications** 

Recommended Methodology(ies) for study

Content and Recommended Format of Technical Report

Technical Report Processing and Approval

Information for Environmental Documentation

Review Checklist for the Technical Report

Link to sample technical report

Cumulative Impacts

Construction Impacts

Timing The Studies With The Environmental Process

Information Needed for Project Development Phases

Planning Stage

**Preliminary Scoping** 

Draft Environmental Document Stage (Draft Project Report)

Final Environmental Document Stage (Project Report)

Growth Inducement (CEQA consideration)

### **Chapter 24 Farmlands**

Resources Included in this Topic

**Decision Tree** 

Laws and Regulations, and Guidance

**Interagency Coordination** 

Reporting:

Determining The Need For A Separate Technical Report

Technical Report

**Preparer Qualifications** 

Recommended Methodology(ies) for study

Content and Recommended Format of Technical Report

Technical Report Processing and Approval

Information for Environmental Documentation

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Link to sample technical report

Cumulative Impacts (if appropriate for topic)

Construction Impacts (if appropriate for topic)

Timing The Studies With The Environmental Process

Information Needed for Project Development Phases

Planning Stage

**Preliminary Scoping** 

Draft Environmental Document Stage (Draft Project Report)

Final Environmental Document Stage (Project Report)

Permit Requirements (as appropriate)

### **Chapter 25 Economic issues**

Resources Included in this Topic

Decision Tree

Laws and Regulations, and Guidance

Interagency Coordination

Reporting:

Determining The Need For A Separate Technical Report

Technical Report (Community Impact Assessment)

**Preparer Qualifications** 

Recommended Methodology(ies) for study

Content and Recommended Format of Technical Report

Technical Report Processing and Approval

Information for Environmental Documentation

Review Checklist for the Technical Report

Link to sample technical report

Cumulative Impacts (if appropriate for topic)

Construction Impacts (if appropriate for topic)

Timing The Studies With The Environmental Process

Information Needed for Project Development Phases

Planning Stage

**Preliminary Scoping** 

Draft Environmental Document Stage (Draft Project Report)

Final Environmental Document Stage (Project Report)

### Chapter 26 Social issues

Resources Included in this Topic

Decision Tree

Laws and Regulations, and Guidance

Interagency Coordination

Reporting:

Determining The Need For A Separate Technical Report

Technical Report (Community Impact Assessment)

**Preparer Qualifications** 

Recommended Methodology(ies) for study

Content and Recommended Format of Technical Report

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Construction Impacts (if appropriate for topic)

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Information Needed for Project Development Phases

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**Preliminary Scoping** 

Draft Environmental Document Stage (Draft Project Report)

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Resources Included in this Topic

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Laws and Regulations, and Guidance

**Interagency Coordination** 

Reporting:

Determining The Need For A Separate Technical Report

Technical Report)

**Preparer Qualifications** 

Recommended Methodology(ies) for study

Content and Recommended Format of Technical Report)

Technical Report Processing and Approval

Information for Environmental Documentation Review Checklist for the Technical Report Link to sample technical report

Cumulative Impacts (if appropriate for topic)

Construction Impacts (if appropriate for topic)

Timing The Studies With The Environmental Process Information Needed for Project Development Phases

Planning Stage

**Preliminary Scoping** 

Draft Environmental Document Stage (Draft Project Report)

Final Environmental Document Stage (Project Report)

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Resources Included in this Topic

Decision Tree

Laws and Regulations, and Guidance

Interagency Coordination

Reporting:

Determining The Need For A Separate Technical Report

Technical Report (Community Impact Assessment)

**Preparer Qualifications** 

Recommended Methodology(ies) for study

Content and Recommended Format of Technical Report

Technical Report Processing and Approval

Information for Environmental Documentation

Review Checklist for the Technical Report

Link to sample technical report

Cumulative Impacts (if appropriate for topic)

Construction Impacts (if appropriate for topic)

Timing The Studies With The Environmental Process

Information Needed for Project Development Phases

Planning Stage

**Preliminary Scoping** 

Draft Environmental Document Stage (Draft Project Report)

Final Environmental Document Stage (Project Report)

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Resources Included in this Topic

**Decision Tree** 

Laws and Regulations, and Guidance

Interagency Coordination

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Technical Report (Community Impact Assessment)

**Preparer Qualifications** 

Recommended Methodology(ies) for study

Content and Recommended Format of Technical Report

Technical Report Processing and Approval

Information for Environmental Documentation

Review Checklist for the Technical Report

Link to sample technical report

Cumulative Impacts (if appropriate for topic)

Construction Impacts (if appropriate for topic)

Timing The Studies With The Environmental Process

Information Needed for Project Development Phases

Planning Stage

**Preliminary Scoping** 

Draft Environmental Document Stage (Draft Project Report)

Final Environmental Document Stage (Project Report)

### **Chapter 30 Traffic**

Resources Included in this Topic

Decision Tree

Laws and Regulations, and Guidance

Interagency Coordination

Reporting:

Determining The Need For A Separate Technical Report

Technical Report (Traffic Analysis)

**Preparer Qualifications** 

Recommended Methodology(ies) for study

Content and Recommended Format of Technical Report

Technical Report Processing and Approval

Information for Environmental Documentation

Review Checklist for the Technical Report

Link to sample technical report

Cumulative Impacts (if appropriate for topic)

Construction Impacts (if appropriate for topic)

Timing The Studies With The Environmental Process

Information Needed for Project Development Phases

Planning Stage

**Preliminary Scoping** 

Draft Environmental Document Stage (Draft Project Report)

Final Environmental Document Stage (Project Report)

### **Chapter 31 Visual and Aesthetic Resources**

Resources Included in this Topic

Decision Tree

Laws and Regulations, and Guidance

Interagency Coordination

Reporting:

Determining The Need For A Separate Technical Report

Technical Report (Visual Assessment)

**Preparer Qualifications** 

Recommended Methodology(ies) for study

Content and Recommended Format of Technical Report

Technical Report Processing and Approval

Information for Environmental Documentation

Review Checklist for the Technical Report

Link to sample technical report

Cumulative Impacts (if appropriate for topic)

Construction Impacts (if appropriate for topic)

Timing The Studies With The Environmental Process

Information Needed for Project Development Phases

Planning Stage

**Preliminary Scoping** 

Draft Environmental Document Stage (Draft Project Report)

Final Environmental Document Stage (Project Report)

#### **CULTURAL RESOURCES**

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Resources Included in this Topic

**Decision Tree** 

Laws and Regulations, and Guidance

Interagency Coordination

Reporting:

Determining The Need For A Separate Technical Report

Technical Report (Historic Properties Survey Report, various

Archaeological Studies))

**Preparer Qualifications** 

Recommended Methodology(ies) for study

Content and Recommended Format of Technical Report

Technical Report Processing and Approval

Information for Environmental Documentation

Review Checklist for the Technical Report

Link to sample technical report

Cumulative Impacts (if appropriate for topic)

Construction Impacts (if appropriate for topic)

Timing The Studies With The Environmental Process

Information Needed for Project Development Phases

Planning Stage

**Preliminary Scoping** 

Draft Environmental Document Stage (Draft Project Report)

Final Environmental Document Stage (Project Report)

Permit Requirements (as appropriate)

### **Chapter 33 Historic Properties**

Resources Included in this Topic

**Decision Tree** 

Laws and Regulations, and Guidance

Interagency Coordination

Reporting:

Determining The Need For A Separate Technical Report

Technical Report (Historic Properties Survey Report and various

historical/architectural studies)

**Preparer Qualifications** 

Recommended Methodology(ies) for study

Content and Recommended Format of Technical Report

Technical Report Processing and Approval

Information for Environmental Documentation

Review Checklist for the Technical Report

Link to sample technical report

Cumulative Impacts (if appropriate for topic)

Construction Impacts (if appropriate for topic)

Timing The Studies With The Environmental Process

Information Needed for Project Development Phases

Planning Stage

Preliminary Scoping

Draft Environmental Document Stage (Draft Project Report)

Final Environmental Document Stage (Project Report)

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Criteria for Categorical Exclusions (23 CFR 771.117)

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Preparing Programmatic Categorical Exclusions

Criteria for Programmatic CE (September 7, 1990 Agreement)

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Programmatic CE With Required Technical Studies"

FHWA's Annual Reporting Requirement for Programmatic CEs

Processing Programmatic Categorical Exclusions

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Preparing Environmental Assessments (EA)

**Environmental Assessment\*** 

FHWA Checklist for NEPA Documents\*

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**Environmental Consequences** 

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Spoil Areas

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Indirect/Secondary Impacts

Indirect/Secondary Impacts

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**Proposed Mitigation** 

Consultation and Coordination

List of Preparers

Content and Format of a FONSI

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Preparing a Finding of No Significant Impact (FONSI)

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**Review and Approvals** 

Circulation Requirements

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**Spoil Areas** 

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Review and Approvals Circulation Requirements CTC Submittals

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Review and Approvals Circulation Requirements

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For Projects **ON** the State Highway System

Review and Approvals Circulation Requirements

CTC Submittals

For Projects **OFF** the State Highway System

Review and Approvals Circulation Requirements

Preparing Record of Decision (ROD)
Content & Format
Sample ROD

Processing Record of Decision

For Projects **ON** the State Highway System \* For Projects **OFF** the State Highway System

Preparing Supplemental EIS
When is a SEIS needed?
Content & Format

Processing Supplemental EIS
For Projects **ON** the State Highway System \*
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For Projects **ON** the State Highway System For Projects **OFF** the State Highway System

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Processing and Notification Requirements
Review and Approvals
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#### Section VI Exhibits:

**Forms, formats, and checklists** (table linked to various forms, formats, checklists)

# SECTION VII AFTER THE ENVIRONMENTAL DOCUMENT IS APPROVED

**Chapter 44 Incorporating Mitigation/Permit Conditions into Design** 

**Chapter 45 Environmental Considerations During Right-of-Way Acquisition** 

**Chapter 46 Environmental Considerations During Final Design** 

RE Pend File Review of Final Plans

Chapter 47 Mitigation Monitoring During Construction and Operations

Mitigation and Construction

# SECTION VIII: OWNER/OPERATOR ENVIRONMENTAL CONSIDERATIONS

**Chapter 48 Environmental Considerations for Maintenance Activities** 

Chapter 49 Environmental Considerations for Encroachment Permits and Air Space Leases

Chapter 50 Environmental Considerations for Disposal of Excess Property